

ABSTRACT OF THE DISCLOSURE

for

A compound system of a wind power generation and an electric power energy storage constituted by a 5 plurality of wind power generators 1-a and 1b, and electric power energy storage device 5a and 5b and electric power converters 6a and 6b installed in parallel with the wind power generators is provided with a composite current detecting means -8a for the 10 wind power generators, a voltage detecting means -9afor electric power system 18, means 8b detecting a current 🖜 which the electric converters input or output, means 10a for computing output electric powers Pw and Qw of the wind power 15 generators according to the voltage of the electric power system and the detected value of composite current of the wind power generators, means 40b for computing input or output electric powers Pc and Qc of the electric power converters according to the voltage of the electric power system and the detected value of the current of the electric power converters and a control unit Tla which generates pulse signals 1-6a for controlling the electric power converters, wherein the output electric power of the wind power generators and 25 the input or output electric power of the electric power converters are used for electric power feed back in a control system for the electric power converters.

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